ENHANCED RECOVERY ACTION IN SERVICE SPECIFIC CONNECTION ORIENTATION PROTOCOL

Abstract

A method of carrying out a recovery action upon peers becoming out of synchronization with one another is provided in a telecommunications signaling network comprising a sending peer **(30)** that sends sequenced data messages to an associated receiving peer **(40)**. The method includes: sending a poll

5   message from the sending peer **(30)** to the receiving peer **(40)**, the poll message indicating a sequence number for a sequenced data message to be sent next; returning a response to the poll message from the receiving peer **(40)** to the sending peer **(30)**, the response indicating that the sequence number indicated in the poll message is the one expect next by the receiving

10   peer **(40)** or indicating an error when the sequence number indicated in the poll message is not the one expect next by the receiving peer **(40)**, as the case may be; and, entering into a recovery action state upon the response to the poll message indicating an error, wherein while in the recovery action state selected sequenced data messages received by the receiving peer **(40)** from the

15   sending peer **(30)** subsequent to entry into the recovery action state are buffered by the receiving peer **(40)**.

n:\lutz\200213\jpc0168a.doc